a detector of a photoelectric measurement arrangement for providing light of a defined quality to measuring fields contained on the original, for receiving measurement light being remitted or transmitted from the measuring fields pending on the original, and for converting the measurement light into electrical signals representing the colour characteristics of the measuring fields, said photoelectric measurement arrangement being a spectral measurement arrangement, for generating electrical signals representing the spectra of the measured measuring fields on the original; and

a controller for cooperating with the transport structure and the spectral measurement arrangement for controlling the pulling in and transport of the original, for converting the electrical signals generated by the spectral measurement arrangement into digital measuring data, and for supplying said digital measuring data to an interface for access by an external computer and further processing;

wherein configuration data representing the arrangement of the measuring fields on the original for a plurality of different types of originals is stored in the controller; said controller being designed for determining from generated digital measuring data of pre-defined code fields an original identification code specific for the type of original and defined by colours of the pre-defined code fields, for selecting stored configuration data based on the determined original identification code for the type of original that contains said identification code, and for controlling the measurement of individual measuring fields on the original based on the selected configuration data, and

wherein the controller determines whether the front edge or the rear edge of the original first enters the insertion opening of the housing.

Please cancel dependent claim 8, without prejudice.

Please amend independent claim 25 to read as follows:

25 (Twice amended). A test original for testing the settings of a photographic production unit, the test original comprising:

a plurality of measuring fields in dependence upon a respective use, wherein the plurality of measuring fields includes a machine-readable code, said code containing information about



the type of the original and information about the production unit in which the original is used; and

a code for differentiating a front edge from a rear edge of said test original.

Please add the following new independent claim 29 and dependent claim 30:

29 (New). A device for photoelectric measurement of measuring fields, the device comprising:

a housing having an insertion opening for insertion of an original, said original having a front edge, a rear edge and containing measuring fields;

a transport structure for transporting the original along a transport path within the housing;

a detector of a photoelectric measurement arrangement for providing light of a defined quality to the measuring fields on the original, for receiving measurement light being remitted or transmitted from the measuring fields on the original, and for converting the measurement light into electrical signals representing the colour characteristics of the measuring fields; and

a controller for cooperating with the transport structure and the spectral measurement arrangement for controlling transport of the original, for converting the electrical signals generated by the photoelectric measurement arrangement into digital measuring data, and for supplying said digital measuring data to an interface for access by a processor;

wherein configuration data is accessible by the controller, said configuration data permitting the controller to determine the type of original based on the arrangement of measuring fields on the original,

wherein the controller determines an identification code from generated digital measuring data of a pre-defined code field on the original, selects configuration data based on the said identification code, and controls measurement of individual measuring fields on the original based on the selected configuration data, and

wherein the controller determines whether the front edge or the rear edge of the original first enters the insertion opening of the housing.

30 (New). The device as defined in claim 1, further including an additional densitometric measurement arrangement, cooperating with the controller for generating electrical

